

Silver, David

From: Silver, David
Sent: Wednesday, December 09, 2009 7:35 PM
To: 'Michael R. Cannatti'
Subject: RE: Re: Application No. 10/016,192 -- Language reflecting Examiner's Proposed Amendment

Mr. Cannatti,

The proposed amendment to claim 8 places the claim and its dependents into condition for allowance.

Respectfully,

*David Silver, Patent Examiner & Training Assistant
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From: Michael R. Cannatti [mailto:mcannatti@hamiltonterriere.com]
Sent: Wednesday, December 09, 2009 7:15 PM
To: Silver, David
Subject: RE: Re: Application No. 10/016,192 -- Language reflecting Examiner's Proposed Amendment

Greetings Examiner Silver.

Thanks for your response. You have authorization to cancel claim 5, and to amend claims 6-7 to depend from claim 1. I would also like to take you up on your offer to amend claim 8 to include the emphasized features. Please let me know if the proposed amendment to claim 8 below meets this requirement.

Respectfully submitted,

Michael Rocco Cannatti
Attorney for Applicants
Reg. No. 34,791

8. (Proposed Amendment) A method of producing a coordinated and interactive simulation of a dynamic system, comprising the steps of:

- defining a set of remote agents, wherein each remote agent performs the steps of:
 - receiving input data; and
 - transmitting the input data and control instructions relating to a corresponding remote agent of the set of remote agents to a server computing device; [[and]]
- collecting the input data and control instructions from each of the remote agents of the plurality of remote agents at the server computing device;
- coordinating the interaction of the remote agents at the server computing device to

generate interactive simulation information based upon the input data and the control instructions from each remote agent by processing a string of input data and control instructions corresponding to each of the remote agents to identify first or second co-positioning effects, where the first co-positioning effect deletes a first object associated with a first remote agent if the first object is not co-positioned with another object within a predetermined amount of time, and where the second co-positioning effect duplicates a second object associated with a second remote agent if the second object is co-positioned with another object [[, each set of control instructions corresponding to the set of control instructions of each remote agent of the plurality of remote agents]]; and

transmitting interactive simulation information based upon the coordination of the interaction of the remote agents from the server computing device to the plurality of remote agents.

From: Silver, David [mailto:David.Silver@USPTO.GOV]

Sent: Wed 12/9/2009 4:58 PM

To: Michael R. Cannatti

Cc: Silver, David

Subject: RE: Re: Application No. 10/016,192 -- Language reflecting Examiner's Proposed Amendment

Mr. Cannatti,

Thank you for your efforts in helping expedite prosecution. The following amendments require authorization prior to allowance of the case.

- Claim 5 is duplicative of the subject matter in claim 1 and therefore should be cancelled.
- Claims 6 and 7 refer to claim 5, but should refer to claim 1 (in view of the cancellation of claim 5).
- Claim 8 stands rejected. This would be obviated through cancellation of claim 8 and dependents, or amendment to the claim which incorporates the features added and emphasized in claim 1 below.

Please let me know if such authorization is granted, and whether claim 8 is to be amended to recite the emphasized features of claim 1 or be cancelled along with dependents.

Thank you,

- David

David Silver, Patent Examiner & Training Assistant

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From: Michael R. Cannatti [mailto:mcannatti@hamiltonterriere.com]

Sent: Wednesday, December 09, 2009 4:53 PM

To: Silver, David

Subject: RE: Re: Application No. 10/016,192 -- Language reflecting Examiner's Proposed Amendment

12/9/2009

Applicants: Uri Wilensky, Walter Stroup
Title: Distributed Agent Network Using Object Based Parallel Modeling Language to Dynamically Model Agent Activities
Serial No.: 10/016,192 Filed: December 12, 2001
Examiner: David Silver Group Art Unit: 2123
Docket No.: 045191.0001 Customer No.: 33438

Good afternoon Examiner Silver.

Solely for purposes of advancing prosecution here and pursuant to the previous authorization under MPEP Section 503.02, my client is willing to accept the language below that you proposed for an Examiner's Amendment in order to allow this case. Presumably, the dependent claims would also be allowed, and I'm sure that my client would appreciate an opportunity to add other claims that include the logic of the allowable subject matter that you have identified.

Thank you for your assistance with this matter.

Respectfully submitted,

Michael Rocco Cannatti
Attorney for Applicants
Reg. No. 34,791

1. (Examiner's Proposed Amendment) A modeling device for a simulation of complex dynamic systems, comprising:
a plurality of remote agents, each remote agent comprising:

- logic to receive input data;
- object control node information corresponding to performance of the remote agent and a relationship of the remote agent to the simulation;
- control instructions to convert the input data into the control node information; and
- logic to transmit the object control node information and the control instructions to a server computing device; and

the server computing device, comprising:

- an object-based parallel modeling language component that collects object control node information and control instructions corresponding to each of the remote agents of the plurality of remote agents and coordinates the interaction of the remote agents based upon the collected object control node information and control instructions;
- processing logic for generating interactive simulation information based upon the interaction of the remote agents by processing a string corresponding to each of the remote agents to identify first or second co-positioning effects, where the first co-positioning effect deletes a first object associated with a first remote agent if the first object is not co-positioned with another object within a predetermined amount of time, and where the second co-positioning effect duplicates a second object associated with a second remote agent if the second object is co-positioned with another object; [[and]]
- logic to transmit interactive simulation information [[based upon the interaction of the remote agents]] to the plurality of remote agents; and

a central control panel comprising a graphical display for viewing the simulation information.